

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1-12. (Cancelled)

13. (Currently Amended) A non-transitory computer readable medium having a data structure for managing reproduction duration of at least one still picture, comprising:

a data area storing first stream file including presentation data and second stream file including audio data, the presentation data being divided into at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data; and

a playlist area storing at least one playlist file, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce the presentation data and including first duration information indicating whether to display the at least one still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least one still picture when the first duration information indicates to display the at least one still picture for a finite period of time,

wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced independently from the at least one still picture unit.

14-17. (Cancelled)

18. (Currently Amended) The non-transitory computer readable medium of claim 13, wherein the at least one still picture unit includes only one still picture.

19.-23. (Cancelled)

24. (Previously Presented) A method of recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

recording first stream file including presentation data and second stream file including audio data on the recording medium, the presentation data being divided into at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data; and

recording at least one playlist file on the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce the presentation data and including first duration information indicating whether to display the at least one still picture in the still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least one still picture when the first duration information indicates to display the at least one still picture for a finite period of time,

wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced independently from the at least one still picture unit.

25. (Currently Amended) A method of reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

~~reproducing first stream file including presentation data and second stream file including audio data from the recording medium, the presentation data being divided into at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data; and~~

reproducing at least one playitem and at least one sub-playitem being included in a playlist file from the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and an out-point of a the first stream file to reproduce the presentation data, the at least one sub-playitem indicating an in-point and an out-point of a second stream file to reproduce audio data, and including

wherein the playitem includes first duration information and second duration information, the first duration information indicating whether to display the-at least one still picture in the-at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in point and out point of the second stream file to reproduce the audio data,

~~wherein the at least one playitem further includes the~~ second duration information indicating a length of time to display ~~the~~ at least one still picture when the first duration information indicates to display the at least one still picture for a finite period of time;

reproducing the presentation data in the first stream file based on the playitem, the presentation data being divided into the at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data,

wherein the at least one still picture and associated graphic data in the still picture unit are reproduced synchronously based on the playitem; and

reproducing the audio data in the second stream file based on the sub-playitem,

~~wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced asynchronously and independently from the at least one still picture unit.~~

26. (Previously Presented) An apparatus for recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

a pickup configured to record data on the recording medium;

a controller configured to control the pickup to record first stream file including presentation data and second stream file including audio data on the recording medium, the presentation data being divided into at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data; and

configured to control the pickup to record at least one playlist file on the recording medium, the at least one playlist file including at least one playitem and at

least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first stream file to reproduce the presentation data and including first duration information indicating whether to display the at least one still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least one still picture when the first duration information indicates to display the at least one still picture for a finite period of time,

wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced independently from the at least one still picture unit.

27. (Previously Presented) An apparatus for reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

a pickup configured to reproduce data recorded on the recording medium;

a controller configured to control the pickup to reproduce first stream file including presentation data and second stream file including audio data from the recording medium, the presentation data being divided into at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data; and

configured to control the pickup to reproduce at least one playlist file from the recording medium, the at least one playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point

of the first stream file to reproduce the presentation data and including first duration information indicating whether to display the at least one still picture in the at least one still picture unit for one of a finite and an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the at least one playitem further includes second duration information indicating a length of time to display the at least one still picture when the first duration information indicates to display the at least one still picture for a finite period of time,

wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously, and the audio data is reproduced independently from the at least one still picture unit.

28-55.(Cancelled)

56. (New) An apparatus for reproducing a data structure for managing at least one still picture recorded on a recording medium, comprising:

a pickup configured to reproduce data recorded on the recording medium;

a controller configured to control the pickup to reproduce at least one playitem and at least one sub-playitem being included in a playlist file, the at least one playitem indicating an in-point and an out-point of a first stream file to reproduce presentation data, the at least one sub-playitem indicating an in-point and an out-point of a second stream file to reproduce audio data;

the controller configured to control the pickup to reproduce the presentation data in the first stream file based on the playitem, the presentation data being divided

into the at least one still picture unit, the at least one still picture unit including at least one still picture and associated graphic data,

wherein the at least one still picture and associated graphic data in the still picture unit are reproduced synchronously based on the playitem; and

the controller configured to control the pickup to reproduce the audio data in the second stream file based on the sub-playitem,

wherein the audio data is reproduced asynchronously and independently from the at least one still picture unit.